

Patent claims:

1. A method for billing a service in a packet data network (PDN),
5 characterized in that
 - at least two billing types are allocated to this service and that, when the service is utilized, data on the utilization of the service and a billing type selected by the user are stored, or
 - 10 - a number of usable services are allocated to a user to which in each case at least one billing type is allocated, and that, when the service selected by the user is utilized, data on the type and utilization of the service and a billing type allocated to the service or a billing type selected by the user are stored.
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2. The method as claimed in claim 1, characterized in that
 - during the registration of the user in the packet data network (PDN), the services usable by a user are
20 transmitted by a service selection portal (DAS) to a billing system (VS),
 - these services are linked in the billing system (VS) with billing types, the allocation of which to the services are stored in the billing system (VS), and
 - 25 - from this a selection list containing the usable services and their billing types is generated and transmitted to the user terminal (BE).

3. The method as claimed in claim 2, characterized in that
- the service selection portal (DAS) receives from the billing system (VS) information on which service has been selected, and
- 5 - the service selection portal (DAS) thereupon instructs an edge router (ZR) to enable the connections required for the service.
4. The method as claimed in one of claims 2 to 3,
- 10 characterized in that information on a billing type allocated to the service or selected by the user is stored in the service selection portal (DAS).
5. The method as claimed in one of claims 2 to 4,
- 15 characterized in that
- the data relevant to the network access are registered by the access server (ZS) and forwarded to the billing system (VS),
 - the data obtained are linked there with the billing type
- 20 allocated to the selected service or selected by the user, and
- a billing record resulting from the linkage is stored in the billing system (VS).
- 25 6. The method as claimed in claim 5, characterized in that
- user-specific data are read out of the access server (ZS) by the billing system (VS),
 - the data obtained are linked in the billing system (VS) with the billing records stored therein, a bill is
- 30 generated therefrom and this is transmitted to the user terminal (BE).

7. A billing system (VS) for billing a service in a packet data network,

characterized in that

- 5 - it comprises means for allocating at least two billing types to a service and means for storing data about the utilization of the service and a billing type selected by the user, or
- 10 - it comprises means for allocating in each case at least one billing type to a number of services usable by a user and means for storing data about the type and utilization of the service and a billing type allocated to the service or selected by the user.

8. The billing system (VS) as claimed in claim 7,
15 characterized in that

- it comprises means for receiving the services usable by a user from a service selection portal (DAS),
- it comprises means for linking these services with billing types, the allocations of which to the services are stored
20 in the billing system (VS),
- it comprises means for generating from this linkage a selection list which contains services and their billing types, and
- it comprises means for sending this selection list to the
25 user terminal (BE).

9. The billing system (VS) as claimed in one of claims 7 to 8, characterized in that

- it comprises means for receiving the data relevant to the network access,
- 5 - it comprises means for linking the data obtained with the billing type allocated to the selected service or selected by the user, and
- means exist for storing a billing record resulting from the linkage.

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10. The billing system (VS) as claimed in claim 9, characterized in that

- it comprises means for receiving user-specific data,
- it comprises means for linking the data obtained with the
- 15 stored billing records,
- it comprises means for generating a bill from these data and
- it comprises means for sending this bill to the user terminal (BE).